**Báo cáo thực hành Lập trình hướng đối tượng Lab 1**

Họ và tên: Đỗ Gia Huy

MSSV: 20215060

**I- The Very First Java Programs**

2.2.1- Write, compile the first java application

a. Code:

A screen shot of a computer program

Description automatically generated

b. Thực thi:



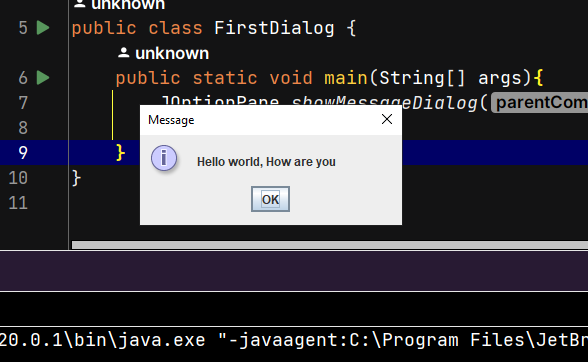
2.2.2- Write, compile the first dialog Java program

a. Code:

A screen shot of a computer screen

Description automatically generated

b. Thực thi:



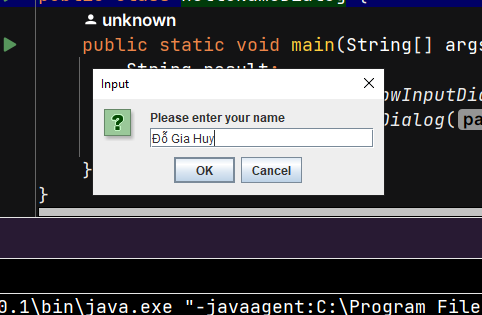
2.2.3- Write, compile the first input dialog Java application

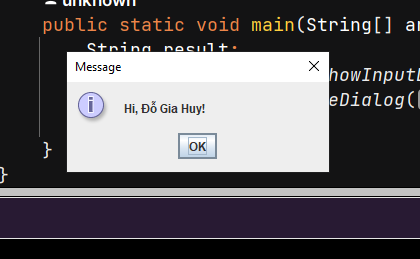
a. Code:

A screen shot of a computer program

Description automatically generated

b. Thực thi:





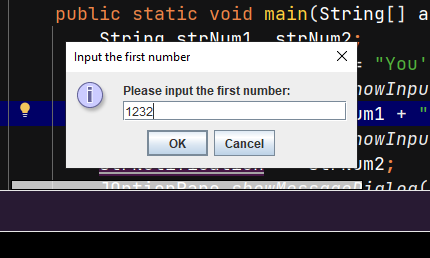
2.2.4- Write, compile, and run the following example:

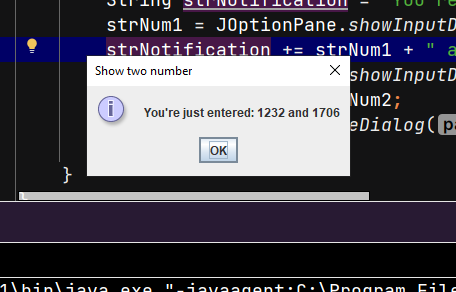
a. Code:

A screenshot of a computer screen

Description automatically generated

b. Thực thi:





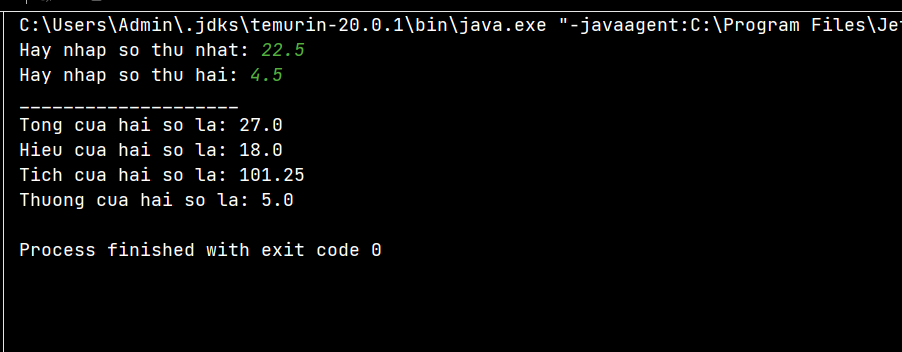
2.2.5- Write a program to calculate sum, difference, product, and quotient of 2 double numbers which are entered by users.

a. Code:

A screenshot of a computer program

Description automatically generated

b. Thực thi:



2.2.6- Write a program to solve:

2.2.6.1- The first-degree equation (linear equation) with one variable

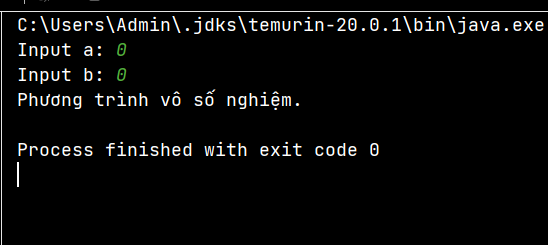
a. Code:

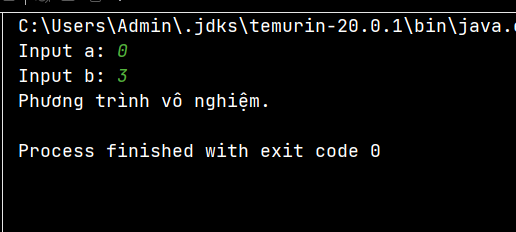
A screen shot of a computer code

Description automatically generated

b. Thực thi:







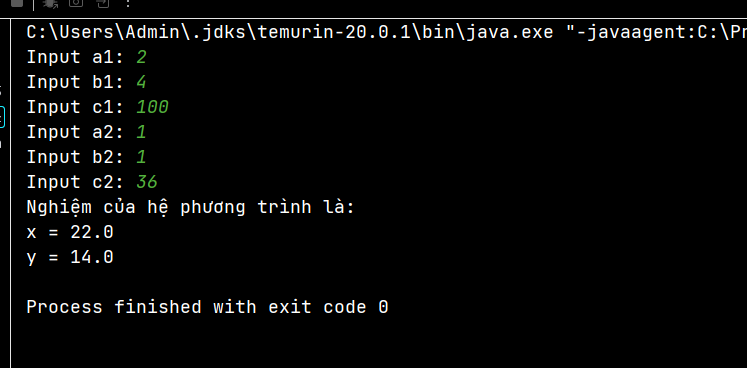
2.2.6.2- The system of first-degree equations (linear system) with two variables

a. Code:

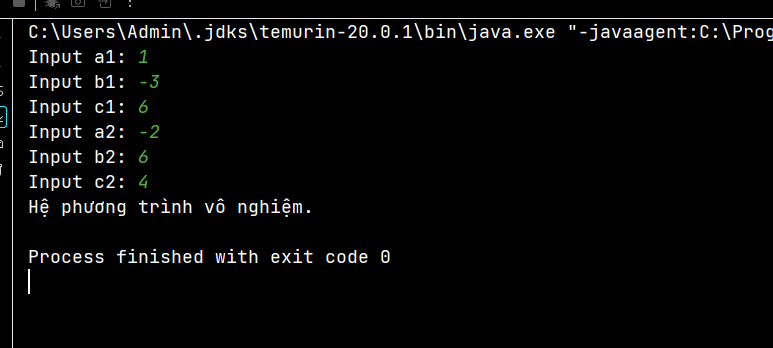
A screen shot of a computer screen

Description automatically generated

b. Thực thi:







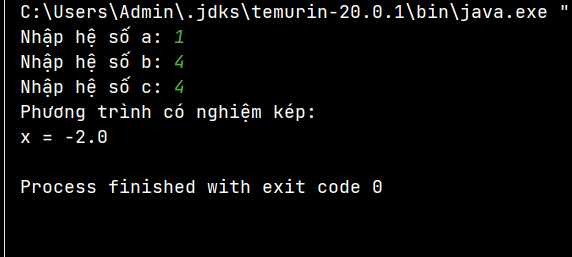
2.2.6.3- The second-degree equation with one variable

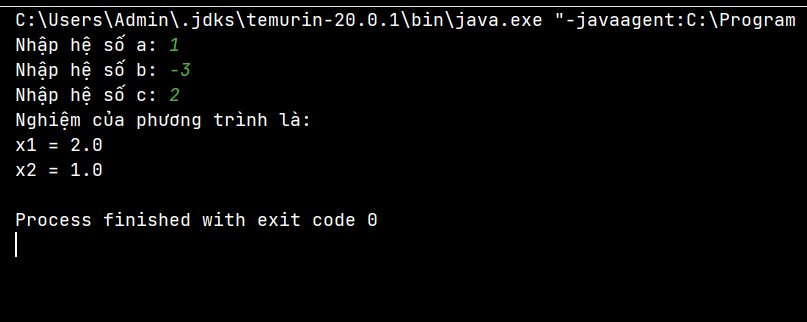
a. Code:

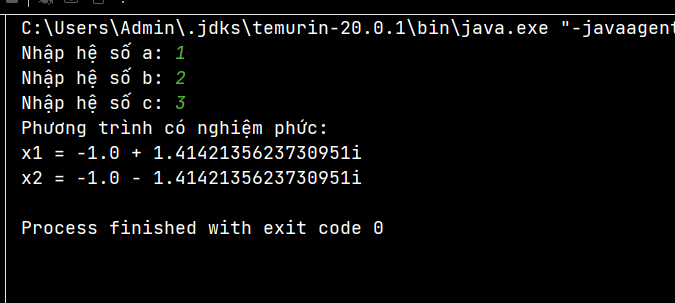
A screen shot of a computer program

Description automatically generated

b. Thực thi:







**II- Exercies**

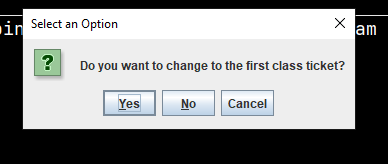
6.1- Write, compile and run the ChoosingOption program

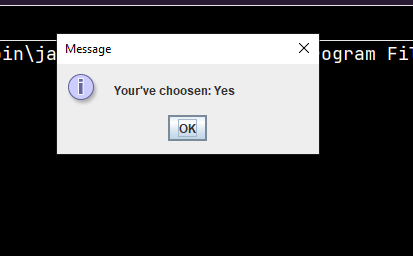
a. Code:

A screen shot of a computer program

Description automatically generated

b. Thực thi:





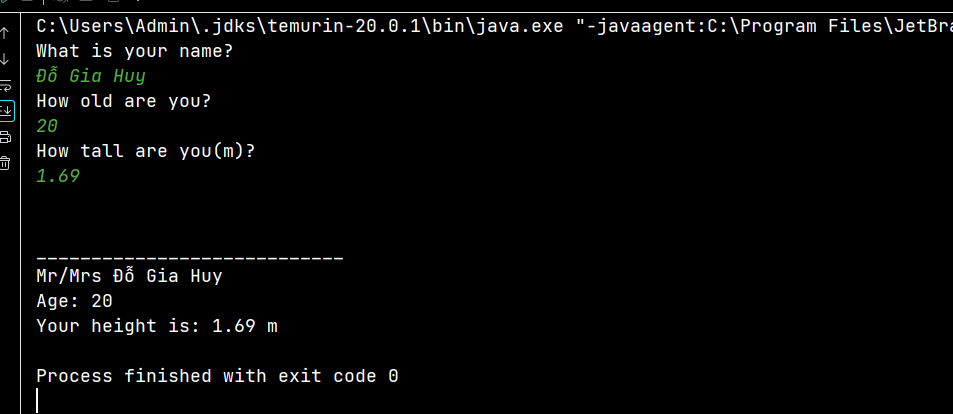
6.2- Write a program for input/output from keyboard

a. Code:

A screen shot of a computer screen

Description automatically generated

b. Thực thi:



6.3- Write a program to display a triangle with a height of n stars (\*), n is entered by users.

a. Code:

A screen shot of a computer program

Description automatically generated

b. Thực thi:



6.4- Write a program to display the number of days of a month, which is entered by users (both month and year). If it is an invalid month/year, ask the user to enter again.

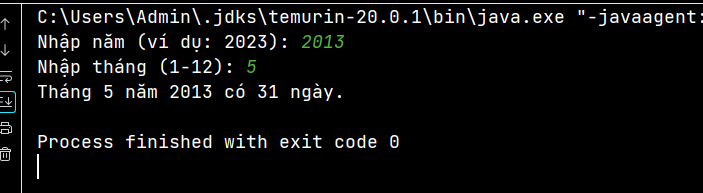
a. Code:

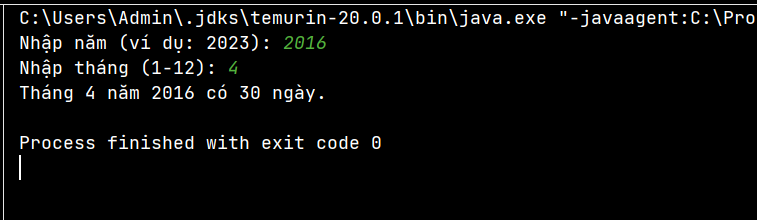
A screen shot of a computer screen

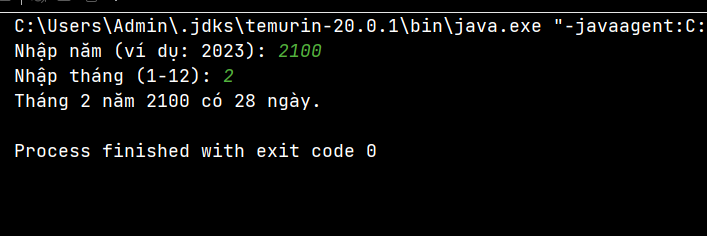
Description automatically generated

b. Thực thi:









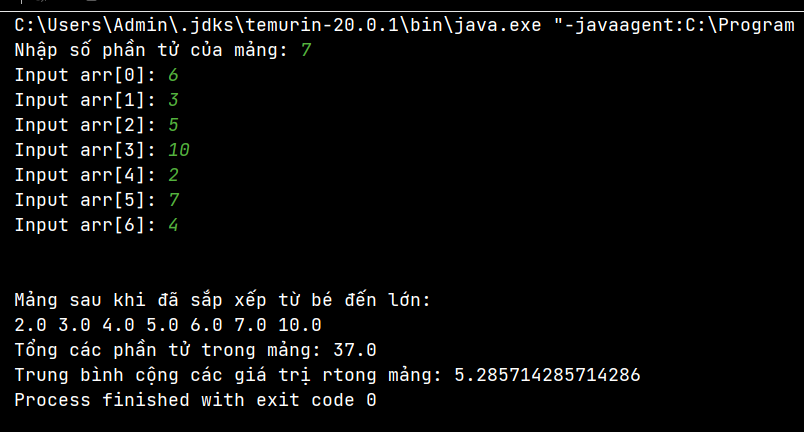
6.5- Write a Java program to sort a numeric array, and calculate the sum and average value of array elements.

a. Code:

A screen shot of a computer code

Description automatically generated

b. Thực thi:



6.6- Write a Java program to add two matrices of the same size.

a. Code:

A screen shot of a computer code

Description automatically generated

b. Thực thi:

